

LOCOMOTIVE NO. **797** ORDER NO. **3086** SPECIFICATION NO.
 BUILT FOR **El. Dorado Lumber Co.**
 ROAD NUMBER **5** NAME **El. Dorado**
 SHIPPED TO **Placerville Calif**

PLAN NO. **703**
Placerville Calif
 DUPLICATE OF NO.
 DATE SHIPPED **June 5 1905**

INDEX NO. **792**

Gauge of Track **36"**
 Style of Locomotive **23 ton Shay**
 Empty weight on Trucks—Front No. 2

Gauge of Locomotive **35 1/4"**
 No. 3 Rear

Kind of Rail **Steel**
 Cylinders **3-9x8**
 Total empty weight **52150**

REPAIR BOOK NO.	BOILER	DRAWING NO.	PATTERN NO.	STOCK NO.	REPAIR BOOK NO.	MACHINERY	DRAWING NO.	PATTERN NO.	STOCK NO.
	Built From Card No.	4339				Bottom Bracket	5074	4559	
	Size and Style 34" M.T.					Bottom Bracket Cap	5073	4562	
	Working Pressure 160 Fuel Wood					Bracket Box Bearing—Lower	5073	4564	
	Cinder Pot Base	—				Bracket Box Bearing—Upper	5073	4563	
	Cinder Pot Gate	—				Cylinders	5080	01337 alt.	
	Exhaust Extension	—				Cylinder Barrel	—		
	Exhaust Pipe	3038	2924			Cylinder Frame	—		
	Exhaust Nozzle	224				Cylinder Head	7201	2-835	
	Exhaust Tip	—				Cylinder Head Casing	—		
	Fire Door	12702	C-32			Cylinder Crank Box Bearing—Lower	5055	4558	
	Fire Door Frame	12702	C-34			Cylinder Crank Box Bearing—Upper	5055	4557	
	Fire Door Liner	12702	C-33			Cylinder Crank Box Cap.	5055	4586	
	Fire Box Length 48 7/8 Width 30 7/8 Height 52 1/2					Connecting Rod	139		
	Flues, No. 61 Size 2" Length 96 Gauge 13					Connecting Rod Strap	139		
	Grates—Rocker or Stationary Finger or Plain	4840	1991			Crank Pin Brass (in Pairs)	139	1426	
	Grates—Dump	—				Crank Shaft	141	29	
	Grates—Dead or Cover Plate (Front)	4840	4274			Crank Counter Balances	—		
	Grates—Dead or Cover Plate (Rear)	4840	4274			Crosshead ONE	3028-5001	~~30-138~~	
	Grates—Dead or Cover Plate (Sides)	—				Crosshead Pin	3		
	Grate Frame—Right	4840	4273			Crosshead Shoe TWO	3028-5002	30-138	
	Grate Frame—Center	—				Crosshead Guide R. Front and L. Back	7902-12	01263	
	Grate Frame—Left	4840	4273			Crosshead Guide L. Front and R. Back	"	01263	
	Jacket	—				Crosshead Pin Brass (in Pairs)	139	02572-73	
	Lagging	—				Eccentric No. 1 Cylinder	140	1928	
	Petticoat Pipe	—				Eccentric No. 3 Cylinder	140	1928	
	Stack	10" Diamond 4849				Eccentric (Split) No. 2 Cylinder Top	—		
	Stack Cone	4849	8-84			Eccentric (Split) No. 2 Cylinder Bottom	—		
	Stack Saddle	3208	3266			Eccentric Strap Top Half	13	8406	14322
	Stack Ring	4849	4276			Eccentric Strap Bottom Half	"		1432
	Stack Netting Mesh 6x6 Gauge 16	—				Eccentric Blade R. Front and L. Back	3		
	Smoke Box Front	—	02116			Eccentric Blade L. Front and R. Back	3		
	Smoke Box Door	—	02119			Link Radius	35"		
	Smoke Box Netting Mesh Gauge	—				Links	3070		
	Smoke Box Cleaning Hole Flange and Lid	—				Link Bushings	3070		
	Steam Pipe Elbow	—				Link Block	3071		
	Steam Bracket	153	2754			Link Block Pin	6		
	Steam Bracket Supplement	—				Link Hanger	4009		
	Soft Plugs	1"				Link Hanger Bushings	4009		
	Throttle Valve	3 1/2"	152	2541		Link or Eccentric Rod Rolts	6		
	Throttle Valve Case	3 1/2"	152	2788		Piston Head	3194	01160	
	Washout Plugs	11417	12" 8 2"			Piston Packing Rings	4488		
						Piston Rod No. 1 std. No. 2 std. No. 3 std.	3195		
						Piston Rod Key	—		
						Piston Rod Stuffing Box	5359	~~65-101~~	
						Piston Rod Stuffing Box Gland	5359	~~65-52~~	
						Piston Rod Vibrating Cup	—	65-102	
						Piston Rod Packing	—		
						Piston Rod Packing Rings (Babbitt)	—		
						Steam Chest Cover	3	01291	
						Steam Chest Cover Casing	—		
						Slide Valve	3	01852	
						Slide Valve Balance Plate	3	01854	
						Slide Valve Balance Rings or Strips	4488		
						Slide Valve Balance Springs	—		
						Tumbling Shaft Box	5308	01634	
						Tumbling Shaft Cap	5308	01635	
						Universal Coupling Ball	8316	02166	
						Universal Coupling Centers	15 1/2"		
						Valve Yoke 1 1/2" DIAM.	3687	5288	
						Valve Stem Stuffing Box	8-271	2448	
						Valve Stem Stuffing Box Nut or Gland	3	0427	
						Valve Stem Packing	—		
						Valve Stem Packing Rings Babbitt	—		
						Valve Stem Packing Rings Cup	—		
						Valve Stem Vibrating Cup	—		
						Valve Stem Crosshead	3	01623	
						Valve Stem Crosshead Guide	3	01562	
						Valve Travel 1 3/4" - 22° Angular Advance	—		

REPAIR BOOK NO.	TRUCKS	DRAWING NO.	PATTERN NO.	STOCK NO.	REPAIR BOOK NO.	ACCESSORIES	DRAWING NO.	PATTERN NO.	STOCK NO.
	Axles	4390	25			Air Sanders			
	Bolster Channel—Top					Brake Lubricator	#1 Plain		
	Bolster Channel—Bottom					Brake—Air Steam Hand			
	Bolster End Casting—Right		H-32			Air Brake Material Ord. No.			
	Bolster End Casting—Left		H-34			Air Pump No.			
	Bolster Springs	3/4" x 3 1/2" x 6"				4 Steam Brake Cylinder	43	01642	
	Brake Beams	Wood				Steam Brake Piston	43	01649	
	Brake Beam Fulcrums	Forg				Steam Brake Piston Rings	3176		
	Brake Heads		942			Steam Brake Valve	4458		
	Brake Shoes	9825		20-16					
	Center Plate—Top	14	H-5	20-17		Bell	50		
	Center Plate—Bottom	14	2-D-6			Bell Ringer			
	Coupling Ring Whole F	4834	4252			Blow-off Valve	1"		
	Coupling Ring Half F	4834	4253			Cab	(Steel)	5062	
	Coupling Ring Whole 2nd Truck					Cab Lamp			Dayton
	Coupling Ring Half 2nd Truck					Check Valve	two 1" Swing		
	Coupling Ring Whole 3rd Truck					Connecting Rod, Oil—Grease Cups N.Y.	7136, L2		
	Coupling Ring Half 3rd Truck					Crosshead Guide, Oil—Grease Cups			
	Coupling Ring Whole Rear Truck	4834	4252			Crosshead Pin Oil Cups	#3 Spring top		
	Coupling Ring Half Rear Truck	4834	4253			Crank No. Forg. No.			
	Coupling Ring Bushings	4834	02603			Crank Test T. S. Elong. Red. Area			
	Crank Coupling—Front End 3"	9024	#74-30			Cylinder Cocks	6- 1/4" traction lever		
	Crank Coupling—Rear End 3"	"	#74-30			Cylinder Lubricator	mich. triple 6310		
	End Separators		#37			Draft Gear			
	Gear Rims—Plain—Lugged—Keyed		13			Drawhead—Front	#4		
	Gear Bolts 25/32" x 4 1/2"					Drawhead—Rear	#4		
	Journal Bearings—Right	11	61			Drawhead—Automatic			
	Journal Bearings—Left	11	61			Drawhead Knuckles			
	Line Shaft—Front 2 7/8" - 6" cal. 42" etc.	XXXX	9164, L2.			Fire Extinguisher			
	Line Shaft—2nd					Gauge Cocks	3- 1/2"		
	Line Shaft—3rd					Hand Rail	1" Pipe		
	Line Shaft—Rear 2 7/8" - 6" cal. 42" etc.	XXXX	9164, L2.			Headlight	2- 14" Rd. Case		
	L. S. Couplings—Front Shaft 2 3/4"	9024	#74-30			Headlight Chimneys	#90 Macketh		
	L. S. Couplings—2nd Shaft Forward End					Hose on Feed Pipe			
	L. S. Couplings—2nd Shaft Rear End					Injectors	two #5 Little giant		17614-17615
	L. S. Couplings—3rd Shaft Forward End					Injector Lubricator	#1 Plain		
	L. S. Couplings—3rd Shaft Rear End					Link Pin Collars, No. 1 3/2 No. 2 3/16 No. 3 7/32			
	L. S. Couplings—Rear Shaft 2 3/4"	9024	#74-30			Log Buffer			
	L. S. Bearings—Inner F. Truck	9200	XXXX	9556		Oil Pipe to Cylinders No. 1 1/2 x 40" No. 2 1/2 x 54" No. 3 1/2 x 78"			
	L. S. Bearings—Outer F. Truck	"	XXXX	9557		Pilot or Foot Board			
	L. S. Bearings—Inner 2nd Truck					Piston Rod Packing Oil Cups			
	L. S. Bearings—Outer 2nd Truck					Pop Valves	are 2" Scott,		
	L. S. Bearings—Inner 3rd Truck					Sand Box—Front	Hand Sanders		
	L. S. Bearings—Outer 3rd Truck					Sand Box—Rear	" "		
	L. S. Bearings—Inner Rear Truck	9200	XXXX	9556		Sand Pipe Hose			
	L. S. Bearings—Outer Rear Truck	"	XXXX	9557		Siphon	2 1/2"		
	Line Shaft Washers	9118				Siphon Hose	2 1/2" x 16 feet		
	Pinions	7429-5099	#74-728			SnowPlow			
	Pedestal Springs	18" x 6 x 6				Snow Flanger			
	Sleeve Couplings—F	3" x 21	9003	5016		Steam Gauge	5 1/2" Iron Ashcroft		
	Sleeve Couplings—No. 2					Steam Chest Relief Valve	154	2641	
	Sleeve Couplings—No. 3					Steam Heat Hose and Coupling			
	Sleeve Couplings—Rear	3" x 21	9003	5016		Steam Heat Gauge			
	Square Shaft—Front	3" x 35	3328			Steam Heat Reducing Valve			
	Square Shaft—2nd					Steam Pipe to Injectors			
	Square Shaft—3rd					Steam Pipe to Lubricator	1/2" x 14		
	Square Shaft—Rear	3" x 39 3/4	3328			Steam Pipe to Steam Gauge			
	Side Bearing Base	3164	3044			Steam Pipe to Water Gauge			
	Side Bearing Block	3164	3044			Steam Brake Drip Valve	201		
	Spring Plate—Center		H-35 1/2			Steam Turrett	27	0459	
	Spring Plate—Ends		H-8			Track Water Sprinkler			
	Truck Box, F. Truck	11	NB-57			Valve Stem Packing Oil Cup			
	Truck Box Cap., F. Truck	11	H-70			Water Gauge	3 rod 12"		
	Truck Box, 2nd Truck					Water Gauge Lamp	Dayton		
	Truck Box Cap., 2nd Truck					Water Gauge Glass			
	Truck Box, 3rd Truck					Whistle	4" Heavy		
	Truck Box Cap., 3rd Truck								
	Truck Box, Rear Truck	11	NB-57						
	Truck Box Cap., Rear Truck	11	H-70						
	Truck Pedestal C.]	9349, L2, XXX	XXXX	93-178					
	Truck Pedestal Cap.	111	2871						
	Truck Pedestal, Inside Box	112	2741						
	Thrust Plate	112	2743						
	Truck Column—Right		2191						
	Truck Column—Left		2191						
	Truck Arch Bars		1" x 4"						
	Truck Bottom Bars		1 1/4 x 4"						
	Truck Top Bars		1" x 4"						
	Tires Number	Section No. 266	A-8906						
	Wheels 8	Diam. 26 1/2	Circum. 83 1/8						
	Face 4	Flange 1 1/8	Bore 4 3/8"						

FRAMES

Engine Frame 9" Inch Beams—W. T. 25# 3869
Tender Frame — Inch Beams—W. T. —

BAKER-YAWTER CO., MANUFACTURERS, CHICAGO. NEW YORK

PATENTED APRIL 11, 1899.

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